

TELCO Project Charter Review

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OCP Incubation Committee

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Telco Project Tenets

- shall collaborate with other projects to ensure broad adoption of OCP Products into the telecom market.
- shall avoid duplication of efforts by the other workgroups.
- shall utilize products and specifications that achieve OCP Accepted™ and OCP Inspired™ classification.
- shall be a community for sharing “proven and new ” designs across end users and suppliers.



What's in Scope (and what's not)

When OCP Accepted™ and OCP Inspired™ products are not sufficient nor deliver the technology needed by and for deployment into telecom and carrier data center or infrastructure, the Telco Project shall promote the creation of such products and specifications.

Products that meet the following conditions, categories, or usages:

- that are compatible (e.g. tested) with OCP Accepted™ products and specifications
- Derived from OCP Accepted™ products and specifications,
- Supplement or compliment OCP Accepted™ and OCP Inspired™ products and specifications.
- When targeted for deployment out of the traditional Data Center or Central Office, shall not be limited to a 19" or OpenRack form factor



Not covered by the charter

Standards creation (such as those produced or administered by IEEE, PCI SIG, DTMF, etc.), unless such standard is supported by OCP Accepted™ and OCP Inspired™ products.

Products and/or items already covered in existing or emerging OCP projects such as server, storage, networking and other groups



Focus Areas

- Reliability and Safety needs for the Telecom & Carrier Data Center
- Extended environmental needs for the Telecom & Carrier Data Center
- Low Latency, Multi-tenet Hardware to support Network Function Virtualization
- Access Layer Hardware
- Mobile Network Edge Computing Hardware
- Any type of computing that pushes data center functions into the Telco network that may evolve in the future, and that MAY not be part of today's network topologies
- *Computing functionality for both wired and wireless networks*



Addressing NEBS Compliance

OCP recognizes that telecom providers and carriers install IT equipment in a wide variety of buildings, geographies, climates, & seismic areas of which local & national authorities place unique requirements on that IT equipment. The requirements are different and unique from that of the scale out cloud data center. For example, unique requires have been documented in the Telcordia **NEBS** (Network Equipment-Building System) criteria. The NEBS documents are the most common set of safety, spatial and environmental design guidelines applied to telecommunications equipment in the United States. It is an industry requirement, but not a legal requirement.

The OCP Telco Project shall neither embrace nor discourage unique requirements. Product contributions and corresponding specifications and collateral shall define the unique features or requirements. For example, a contributed product may support a subset of the NEBS requirements. Those requirements shall be solely determined by the contributor (design source) and the supplier partners. Further ruggedization/reliability requirements above and beyond what contributors have provided may be added to OCP Telco contributions by consumers who may use the modifications privately or choose to contribute back to the community for wider proliferation

To promote wide adoption of OCP products and specifications, the project may document desired features and/or requirements.



Comments & Questions

1. Review the Charter on the OCP Portal
2. Send feedback to the community via the email reflector

